

FIG.1

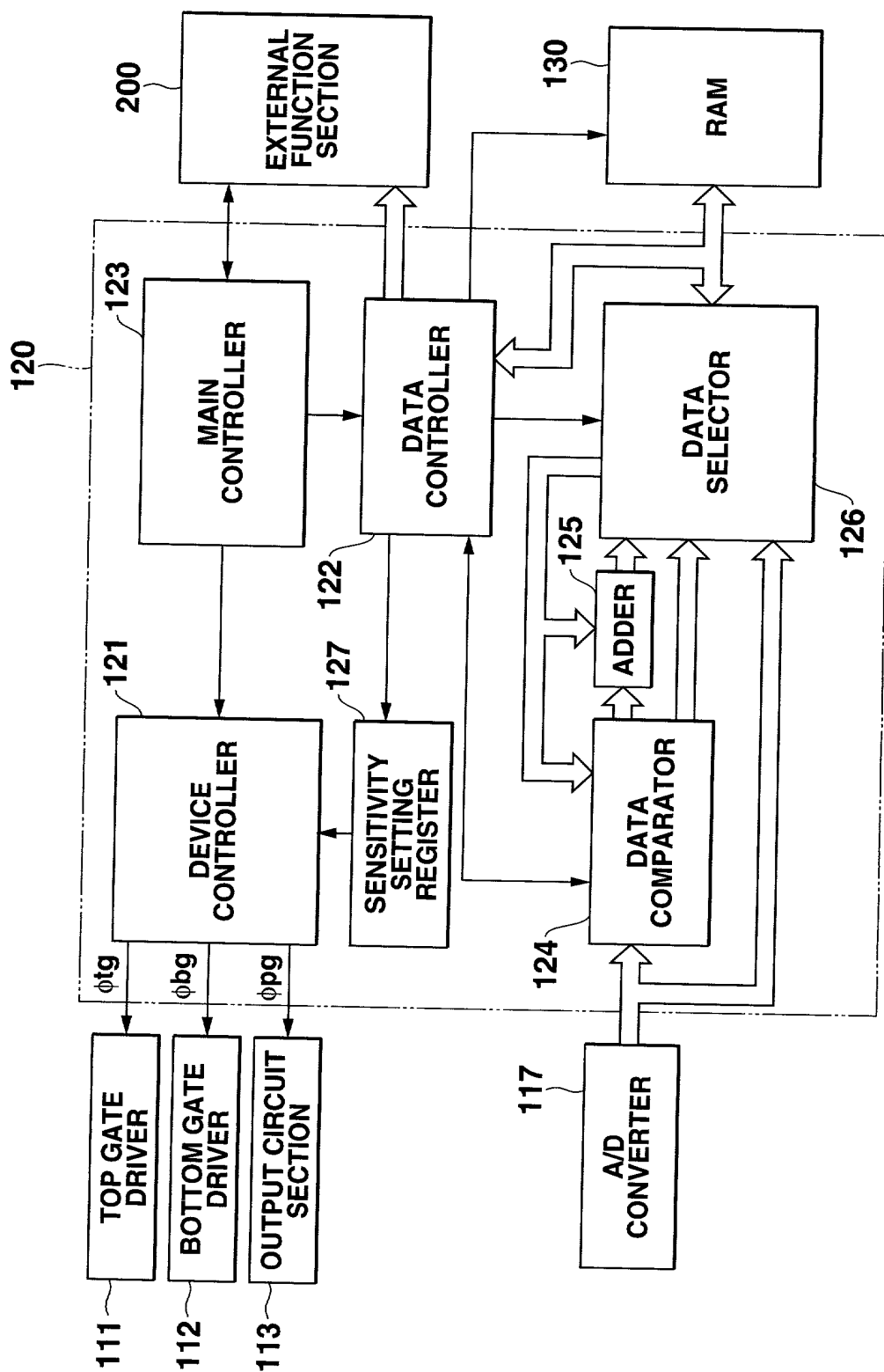


FIG. 2

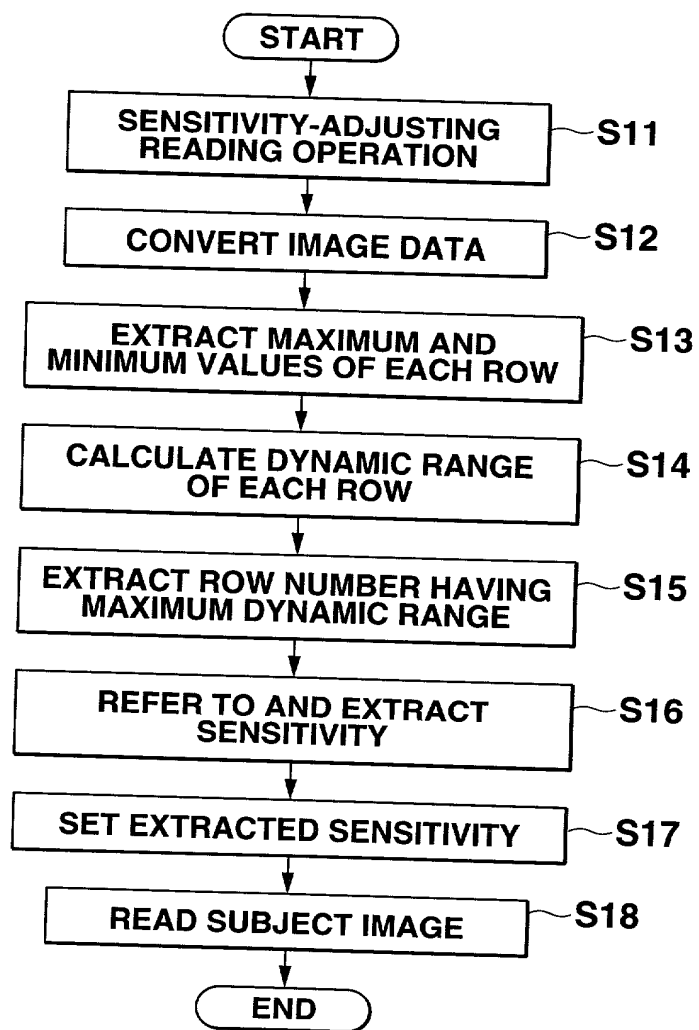


FIG.3

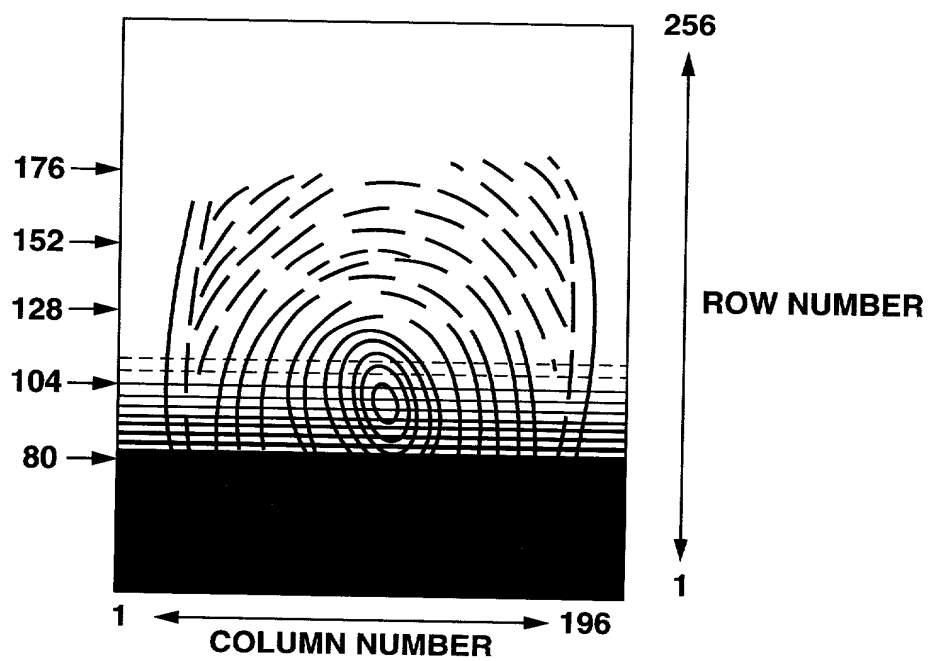


FIG.4

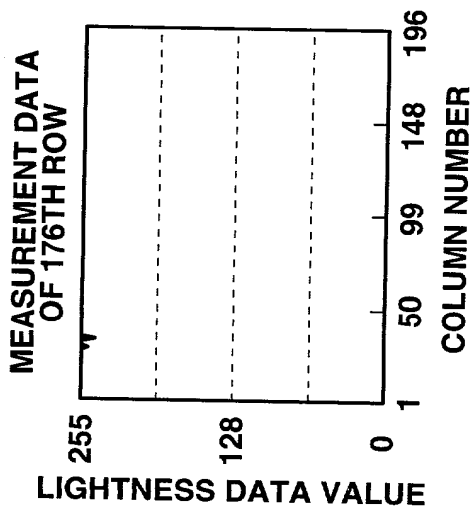


FIG. 5A

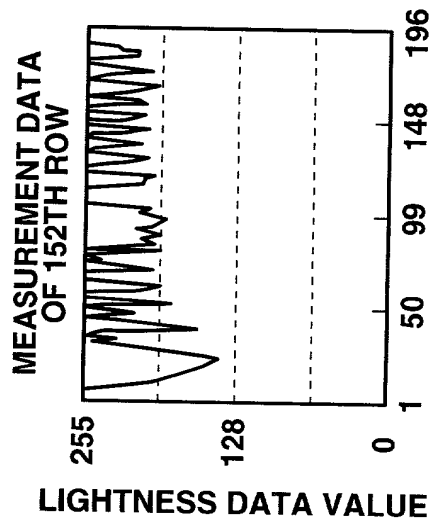


FIG. 5B

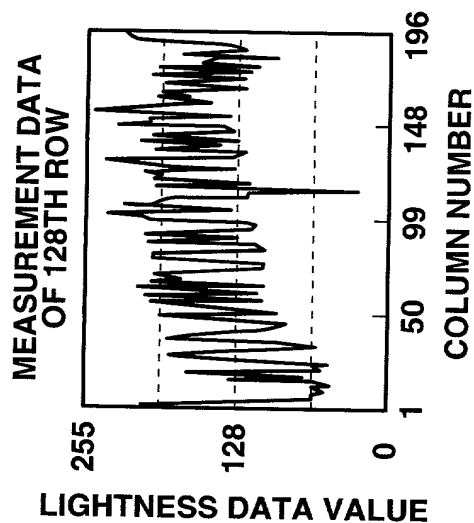


FIG. 5C

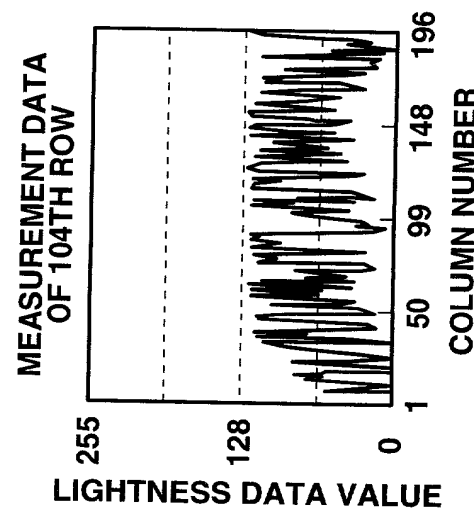


FIG. 5D

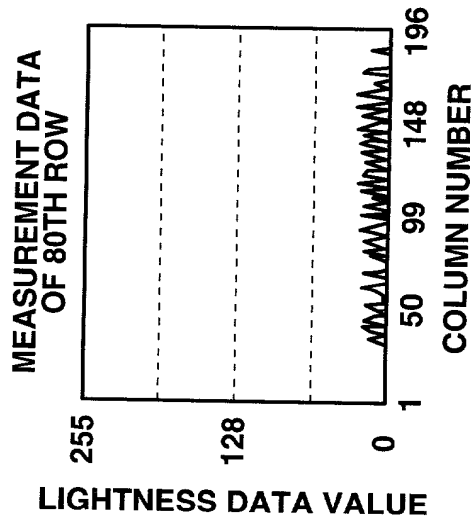


FIG. 5E

FIG.6A

ROW NUMBER	80TH ROW	104TH ROW	128TH ROW	152ND ROW	176TH ROW
MAXIMUM VALUE	25	127	251	255	255
MINIMUM VALUE	0	0	27	153	249
DYNAMIC RANGE	25	127	224	102	6

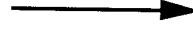


FIG.6B

ROW NUMBER	1ST ROW	. . .	128TH ROW	. . .	256TH ROW
CHARGE ACCUMULATING PERIOD	T ₁	. . .	T ₁₂₈	. . .	T ₂₅₆

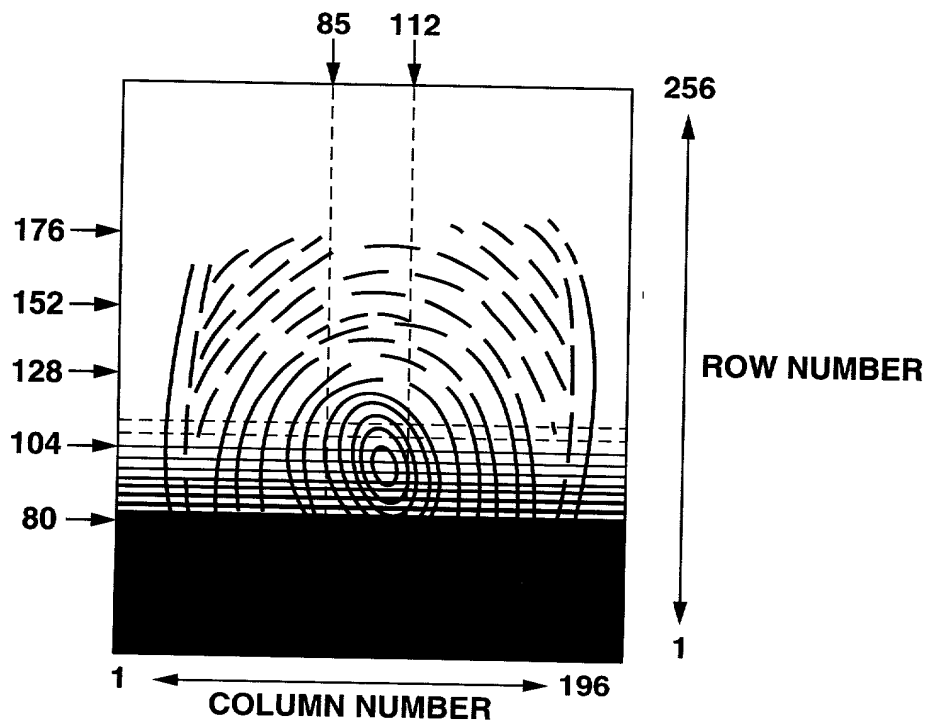


FIG.7

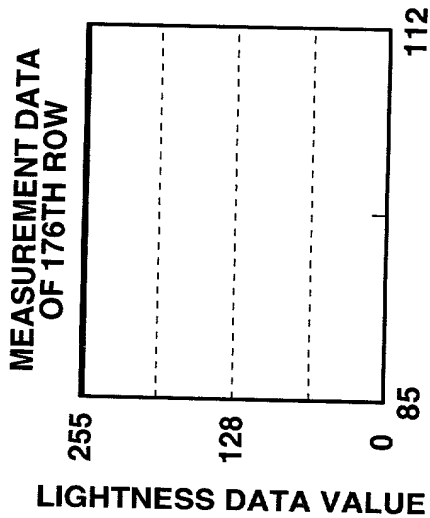


FIG. 8A

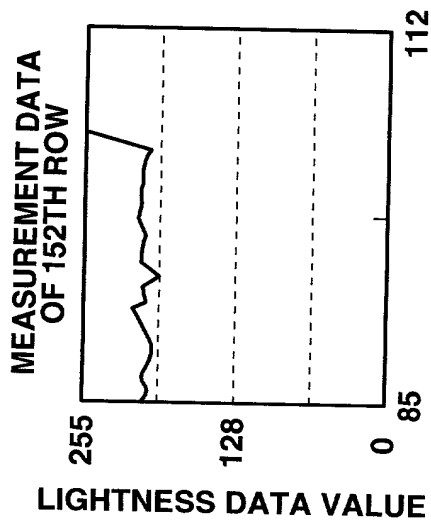


FIG. 8B

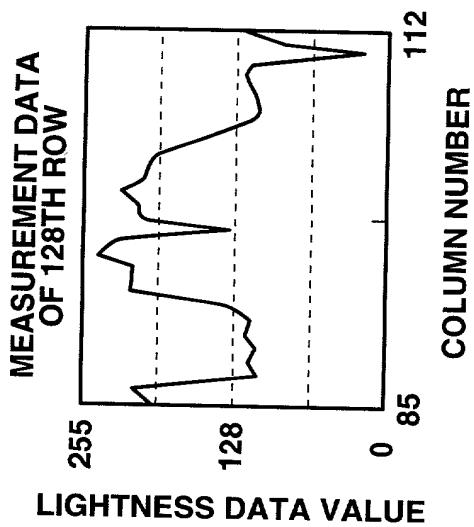


FIG. 8C

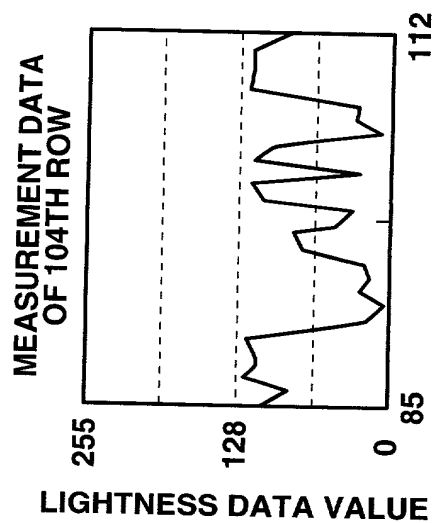


FIG. 8D

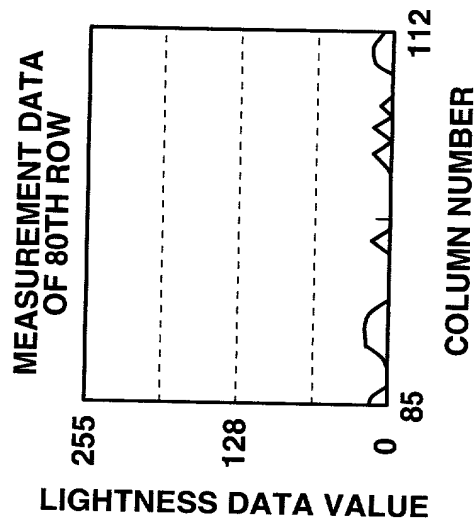


FIG. 8E

FIG.9A

ROW NUMBER	80TH ROW	104TH ROW	128TH ROW	152ND ROW	176TH ROW
MAXIMUM VALUE	23	117	243	255	255
MINIMUM VALUE	0	9	27	193	255
DYNAMIC RANGE	23	108	216	62	0



FIG.9B

ROW NUMBER	1ST ROW	. . .	128TH ROW	. . .	256TH ROW
CHARGE ACCUMULATING PERIOD	T ₁	. . .	T ₁₂₈	. . .	T ₂₅₆

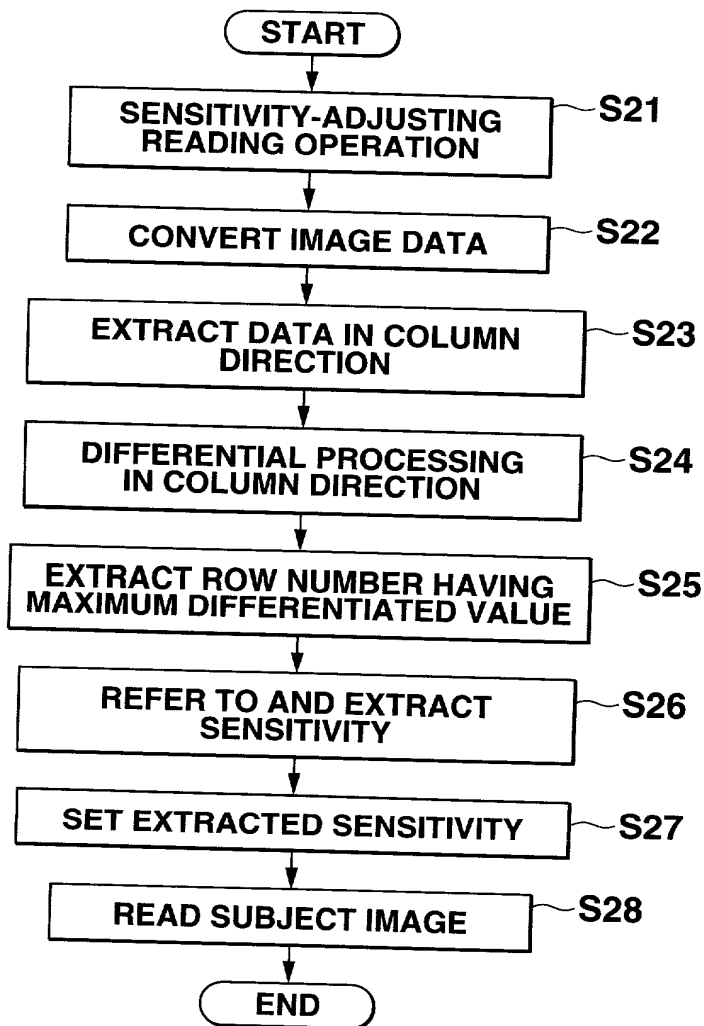


FIG.10

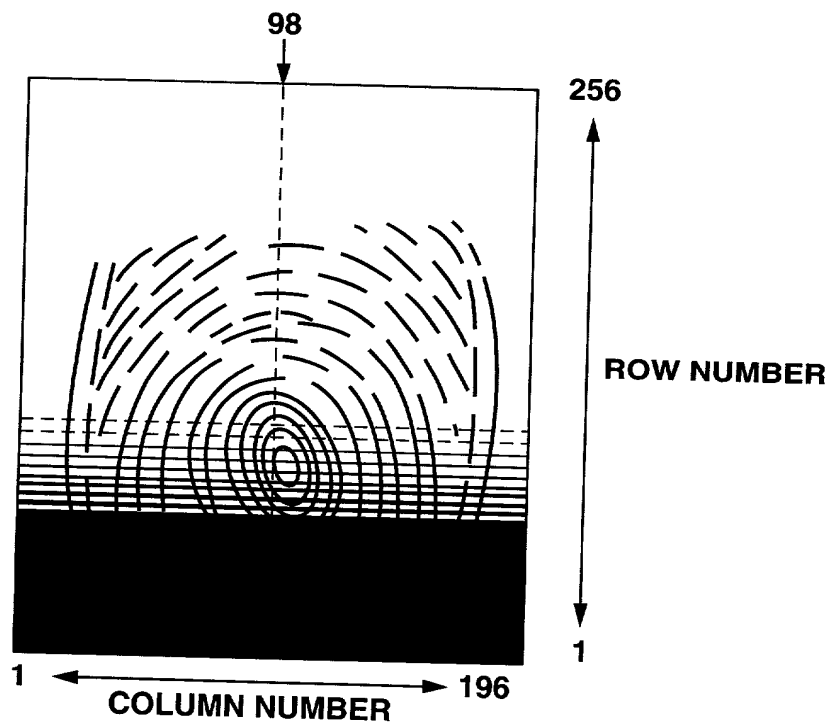


FIG.11

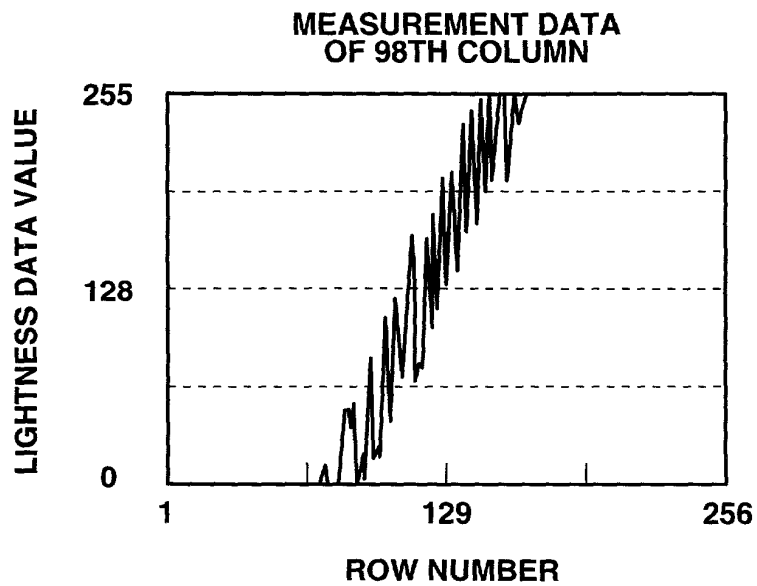


FIG.12A

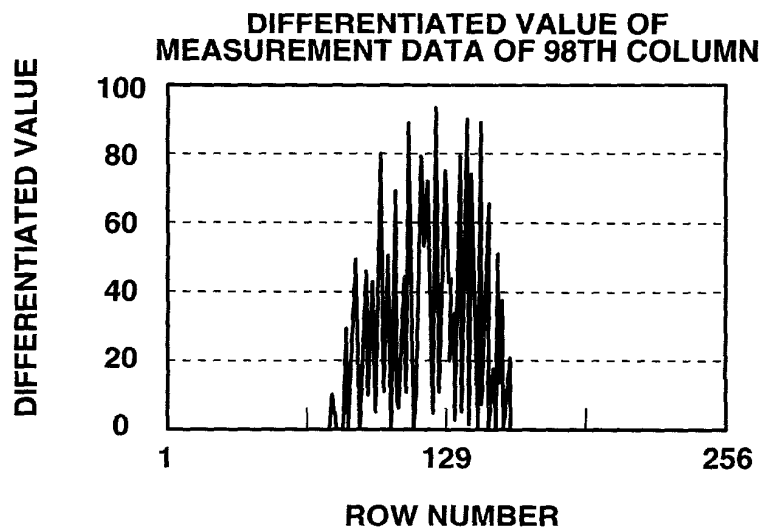


FIG.12B

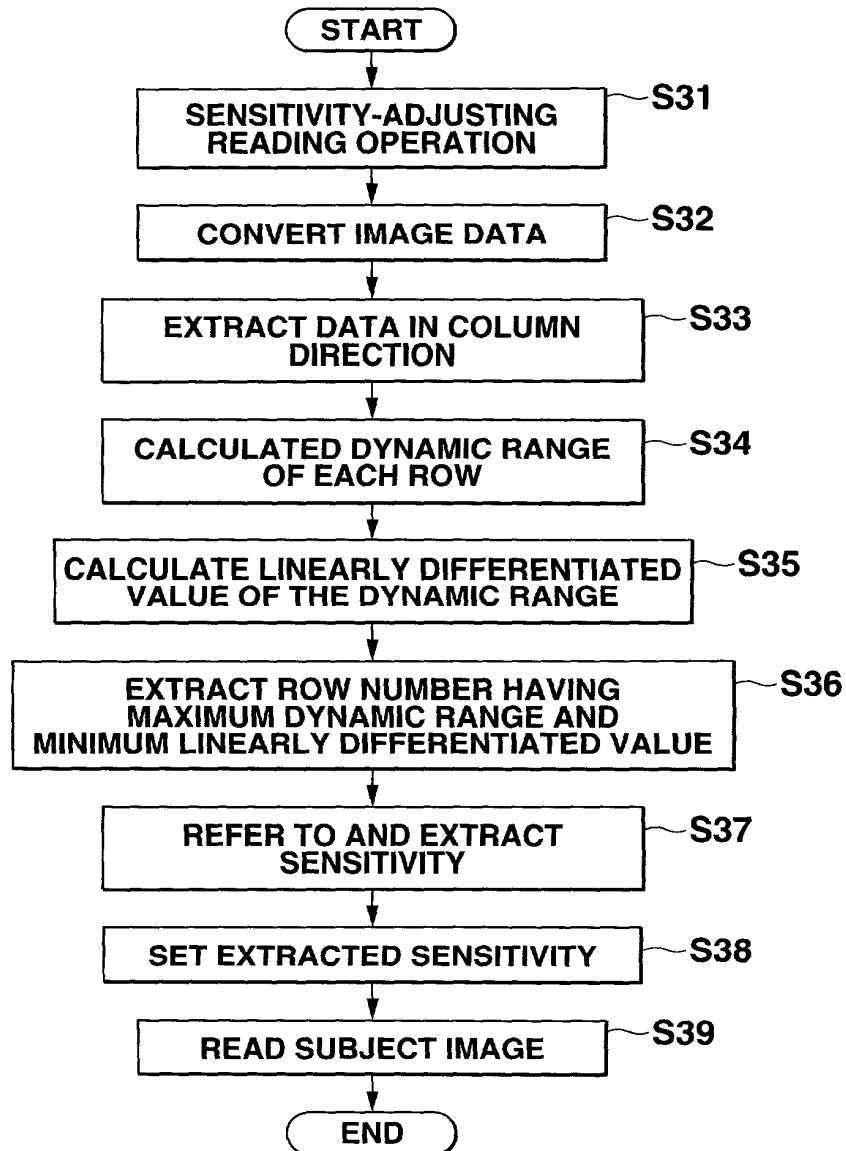


FIG.14

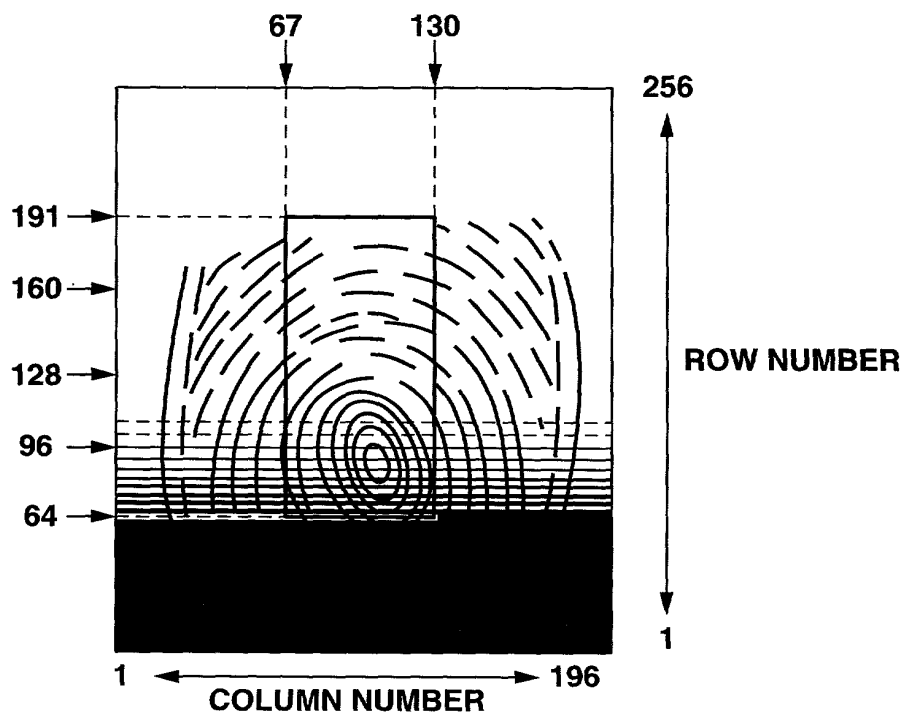


FIG.15

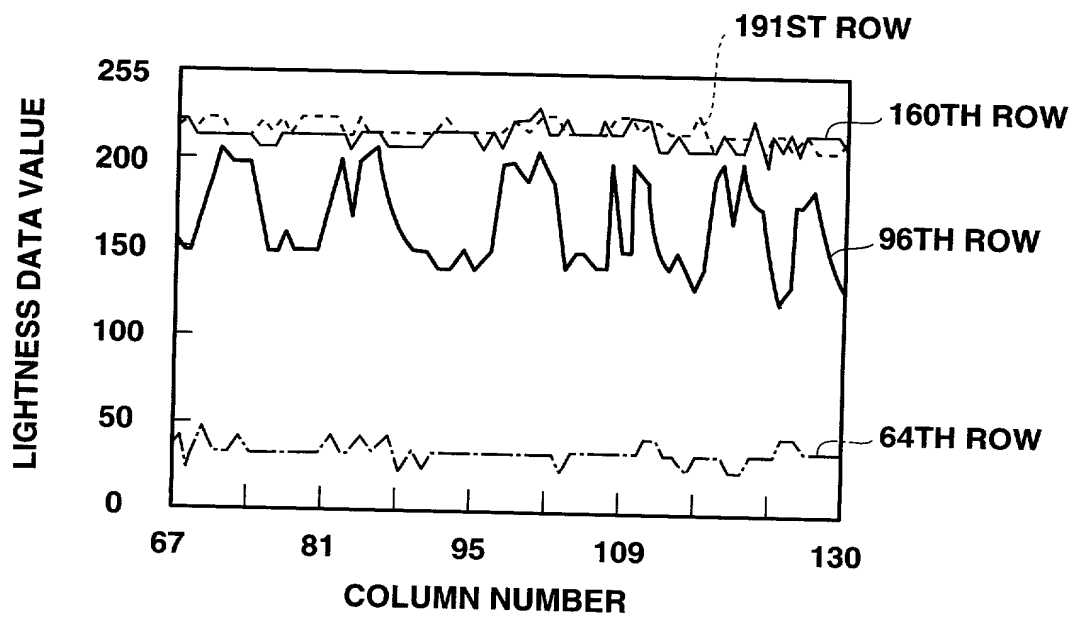


FIG.16

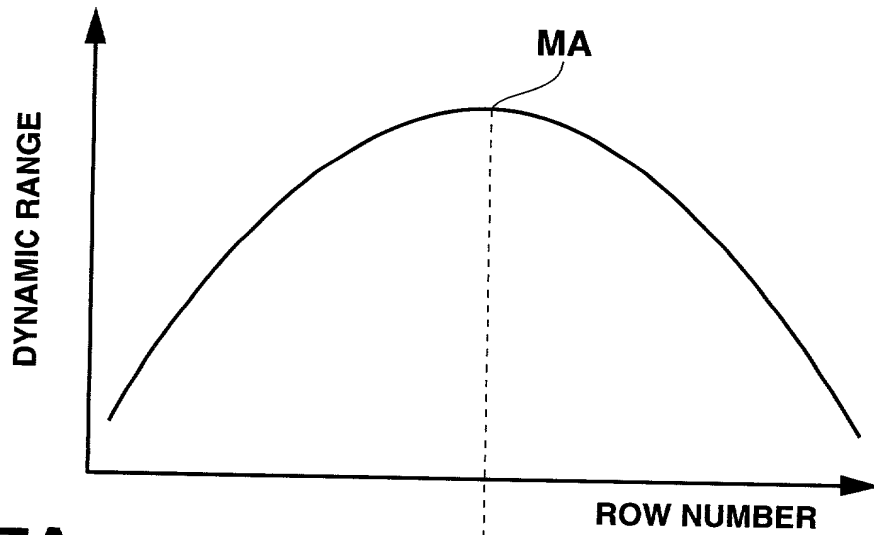


FIG.17A

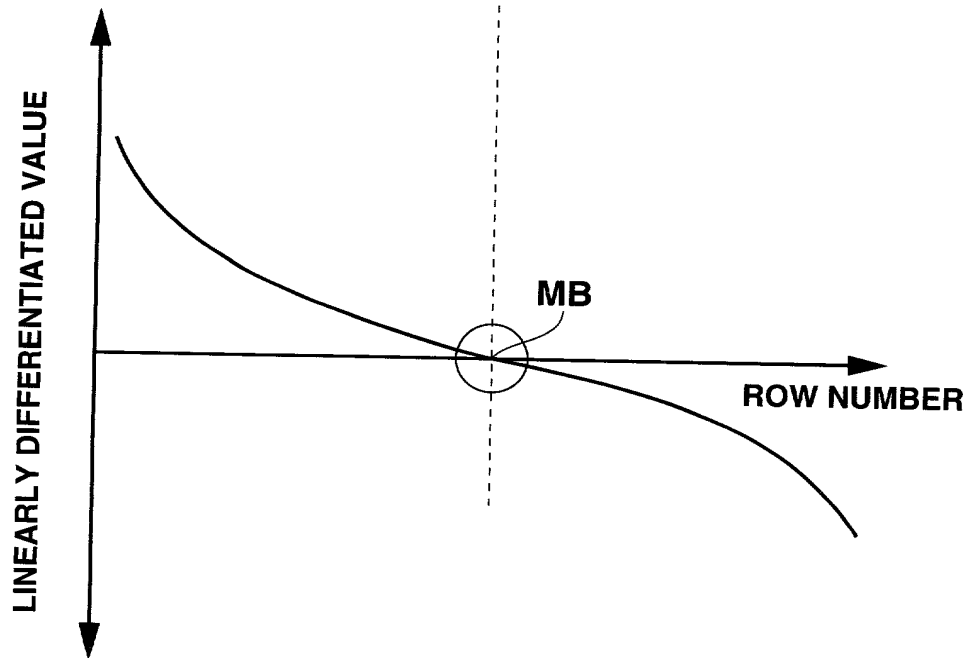
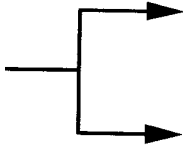


FIG.17B

ROW NUMBER	64TH ROW	. . .	Lk-1 ROW	Lk ROW	Lk+1 ROW	. . .	191ST ROW
MAXIMUM VALUE	X64	. . .	XK-1	XK	XK+1	. . .	X191
MINIMUM VALUE	Y64	. . .	YK-1	YK	YK+1	. . .	Y191
DYNAMIC RANGE	R64	. . .	RK-1	RK(MAX)	RK+1	. . .	R191
LINEARLY DIFFERENTIATED VALUE	. . .	Dk-2	Dk-1(MIN)	Dk	Dk+1

FIG.18A



ROW NUMBER	64TH ROW	. . .	Lk-1 ROW	Lk ROW	Lk+1 ROW	. . .	191ST ROW
CHARGE ACCUMULATING PERIOD	T64	. . .	Tk-1	Tk	Tk+1	. . .	T191

FIG.18B

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FIG.19A

ROW NUMBER	64TH ROW	. . .	Lk-1 ROW	Lk ROW	Lk+1 ROW	. . .	191ST ROW
MAXIMUM VALUE	X64	. . .	XK-1	XK	XK+1	. . .	X191
MINIMUM VALUE	Y64	. . .	YK-1	YK	YK+1	. . .	Y191
DYNAMIC RANGE	R64	. . .	RK-1	RK(MAX)	RK+1	. . .	R191



FIG.19B

ROW NUMBER	64TH ROW	. . .	Lk-1 ROW	Lk ROW	Lk+1 ROW	. . .	191ST ROW
CHARGE ACCUMULATING PERIOD	T64	. . .	Tk-1	Tk	Tk+1	. . .	T191

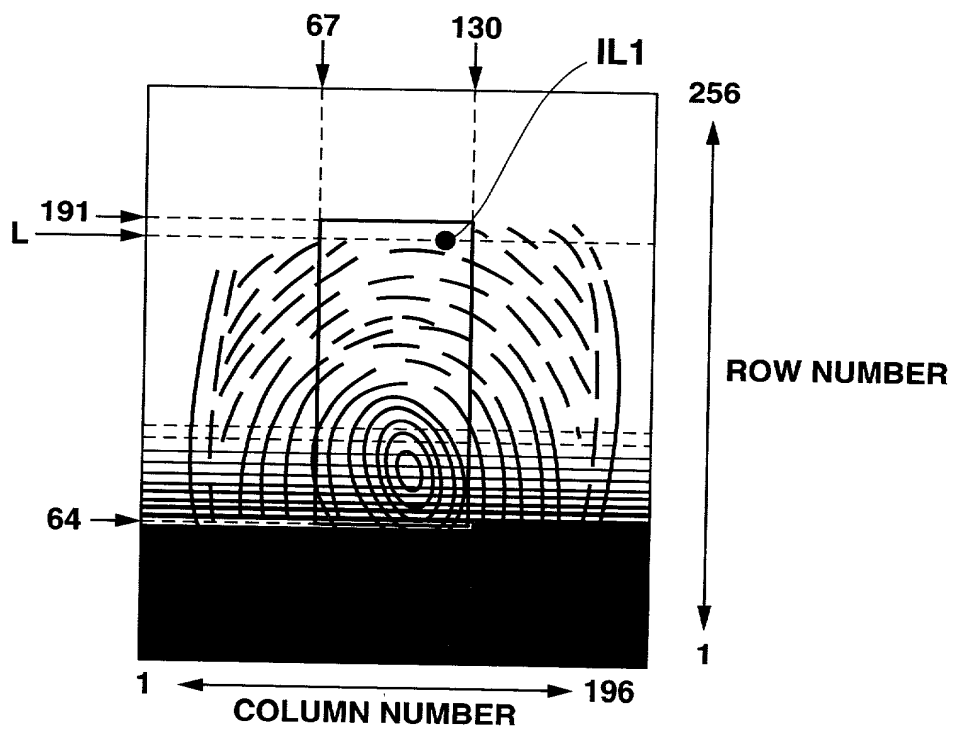


FIG.20

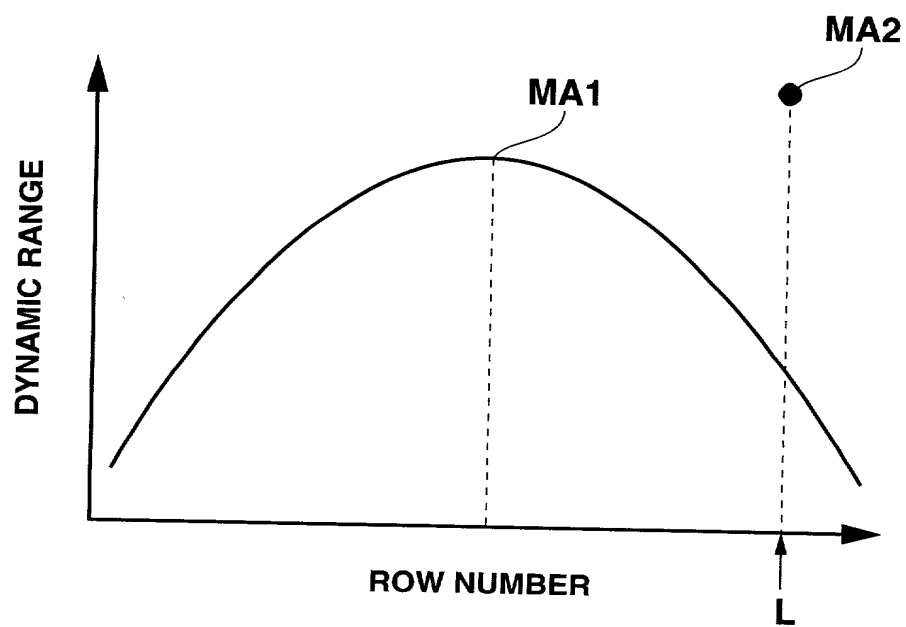


FIG.21

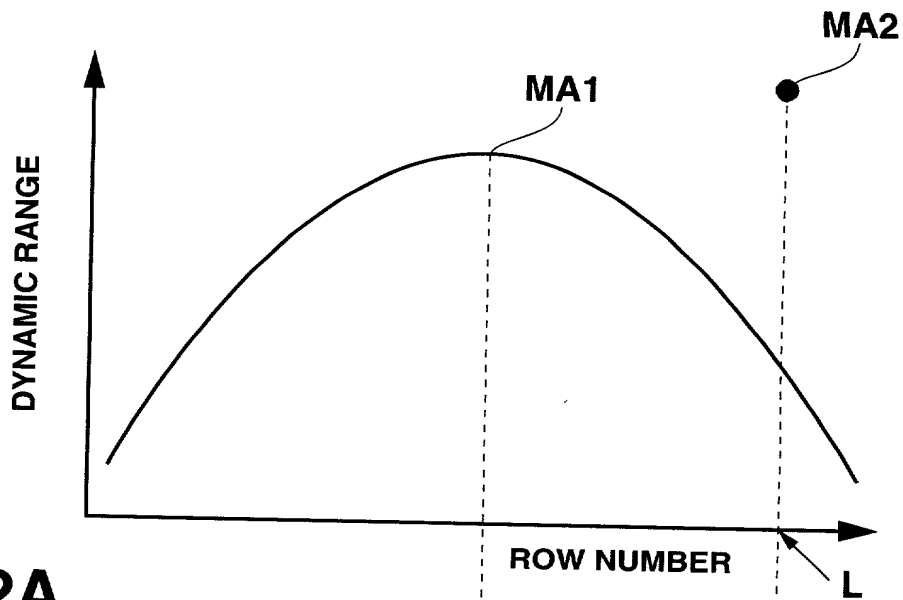


FIG. 22A

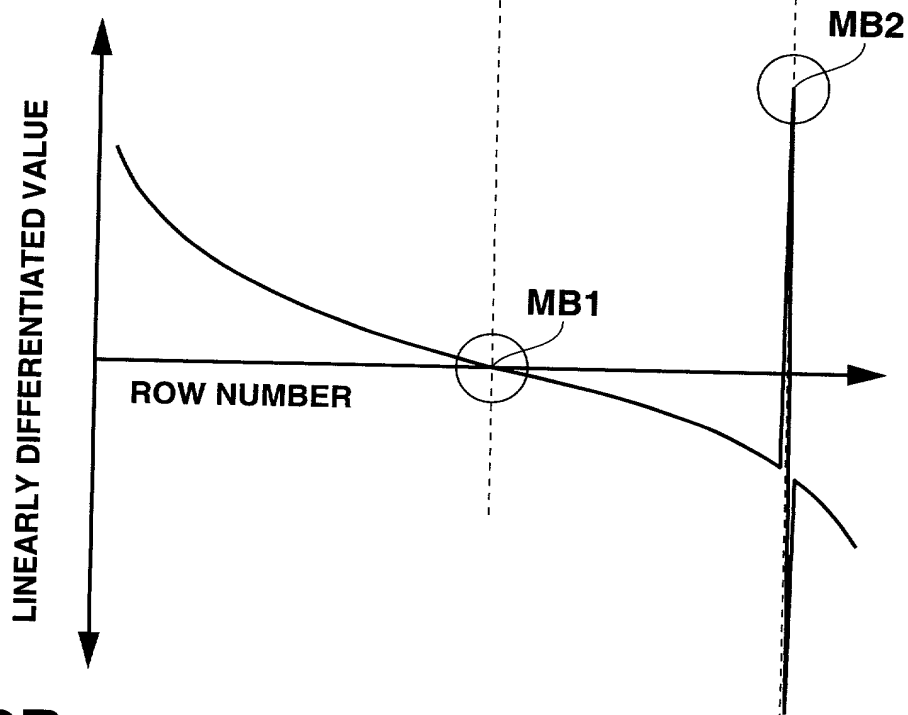


FIG. 22B

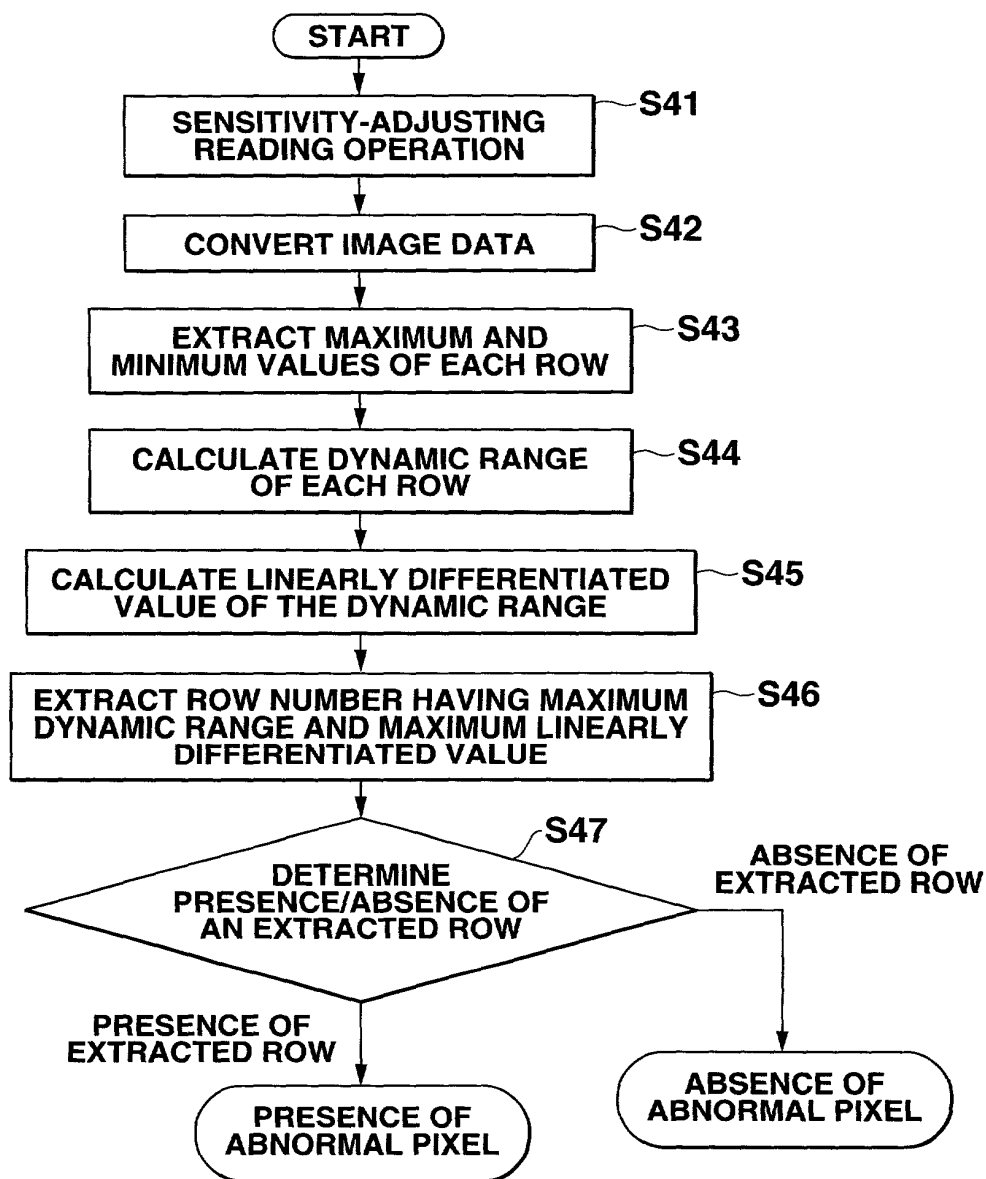


FIG.23

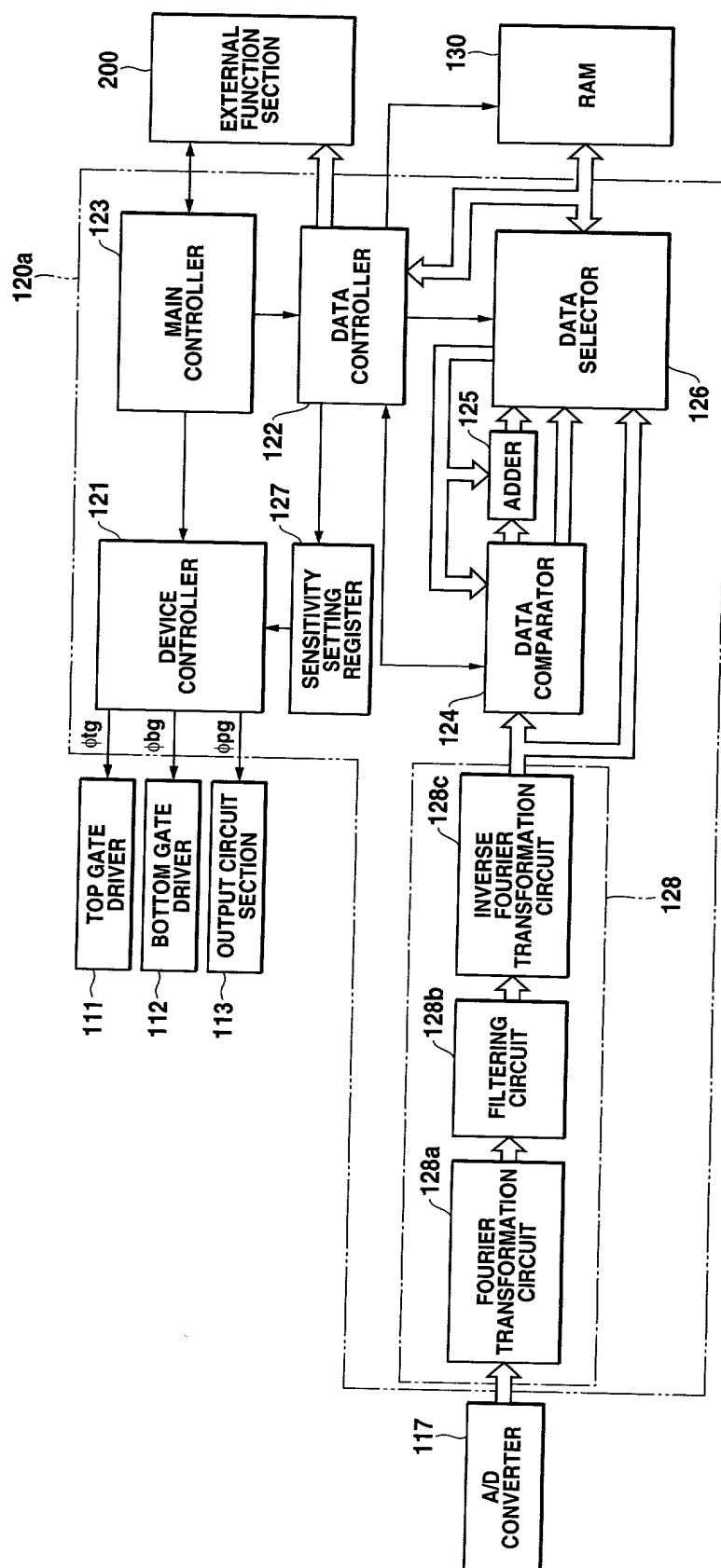


FIG.24

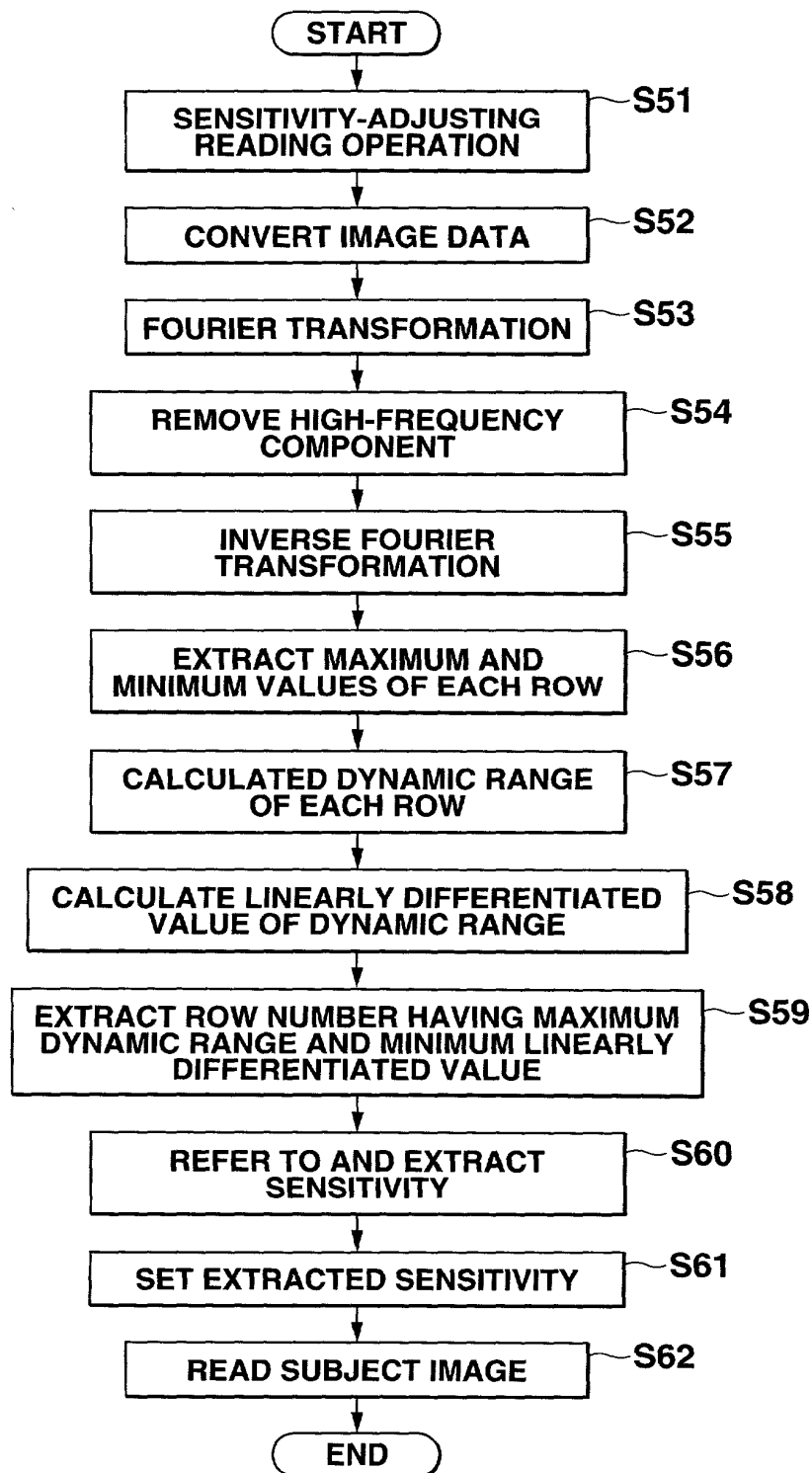


FIG.25

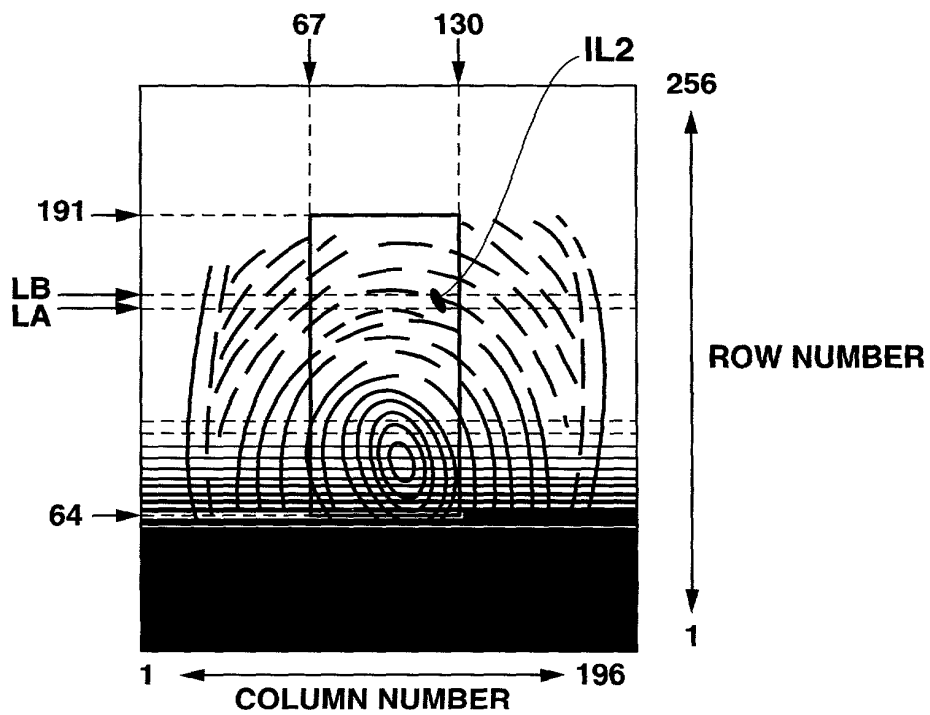


FIG.26

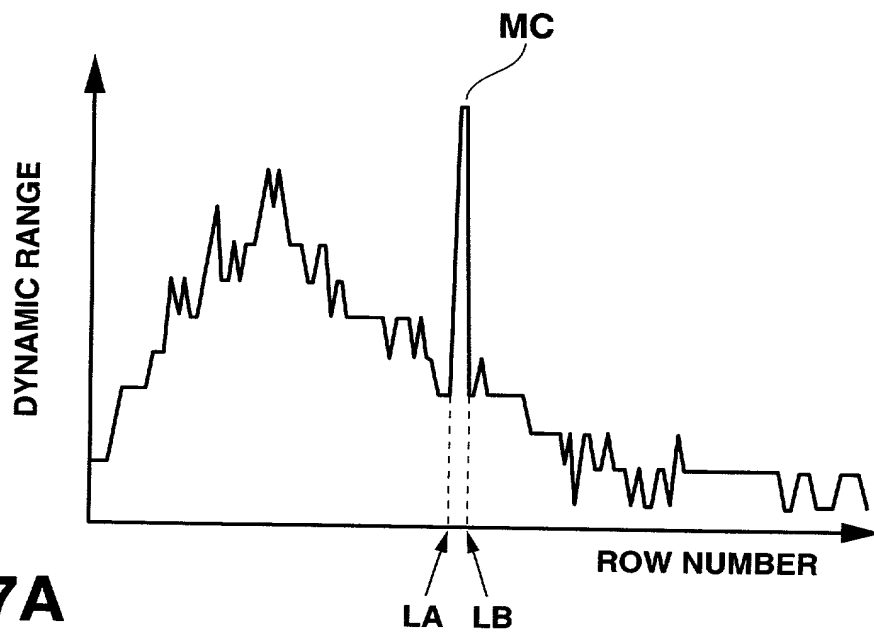


FIG.27A

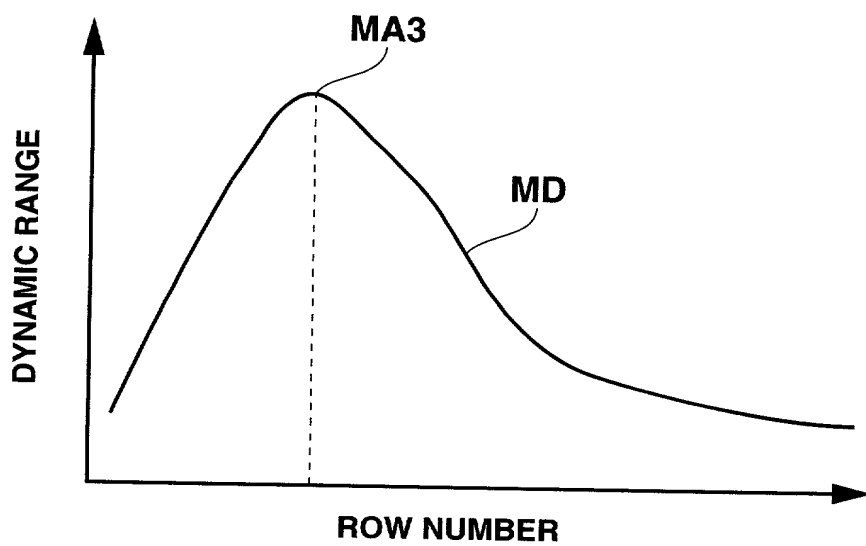


FIG.27B

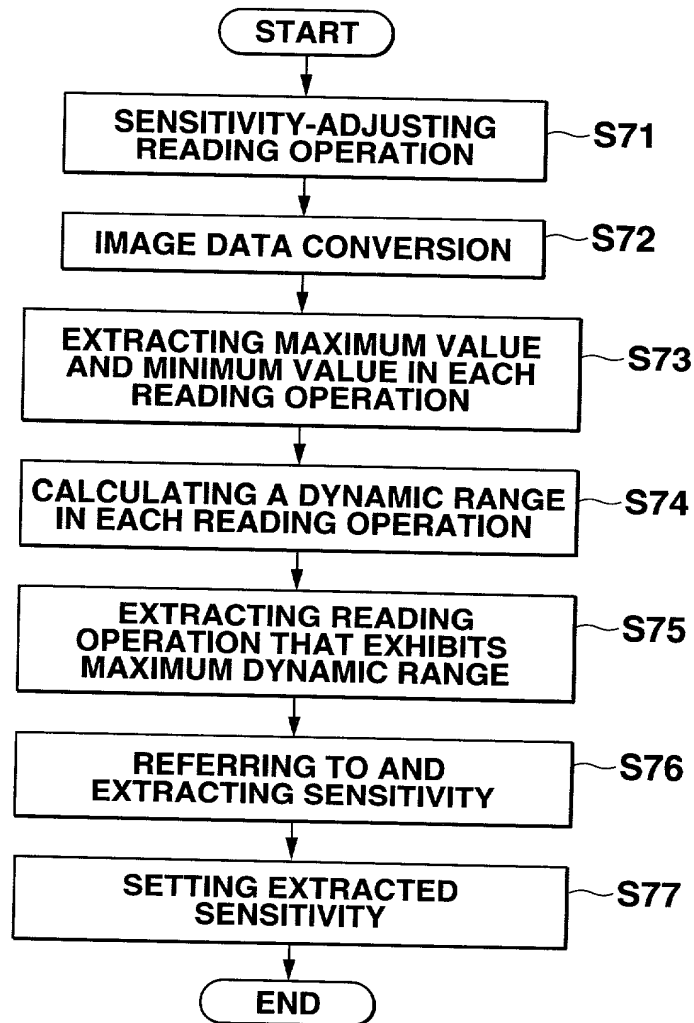


FIG.28

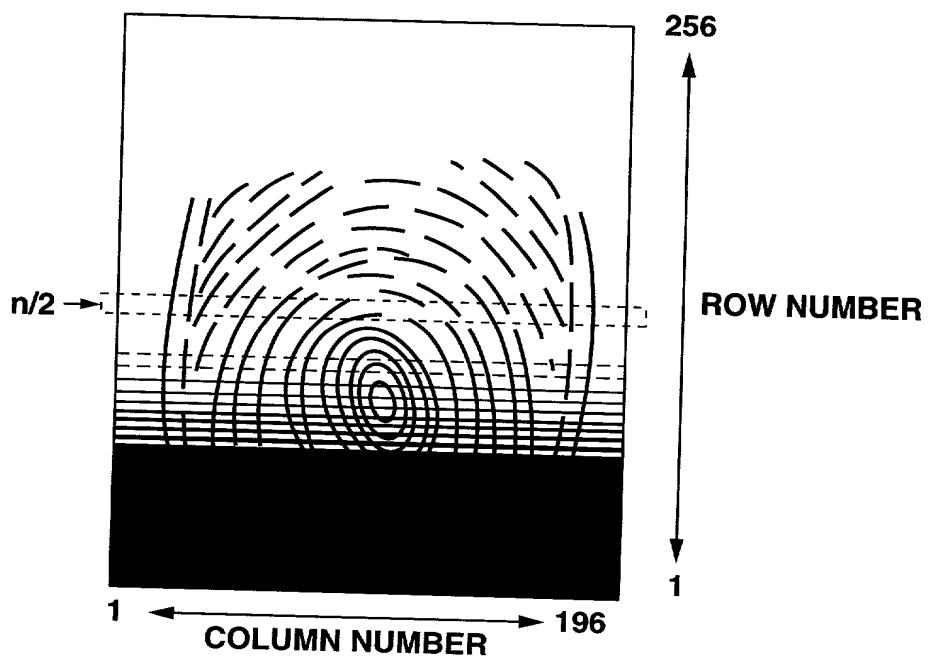


FIG.29

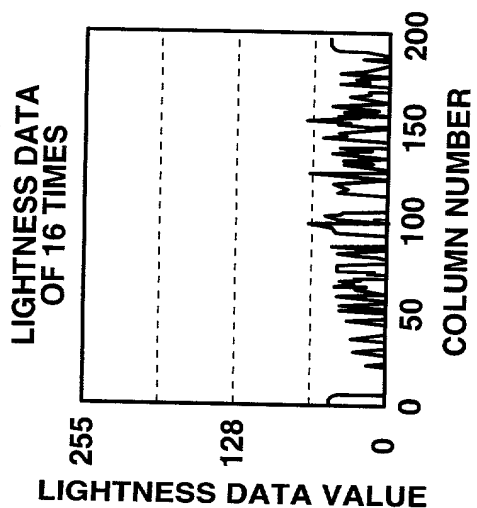


FIG.30A

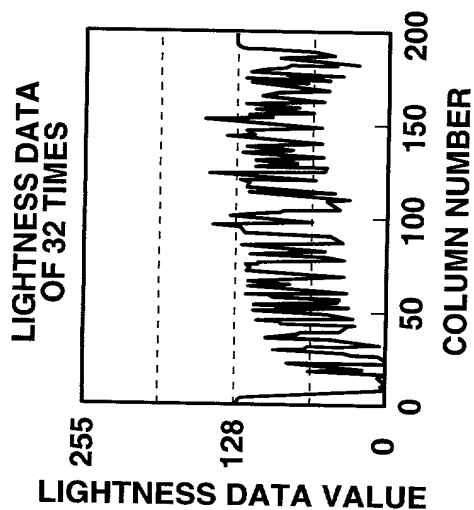


FIG.30B

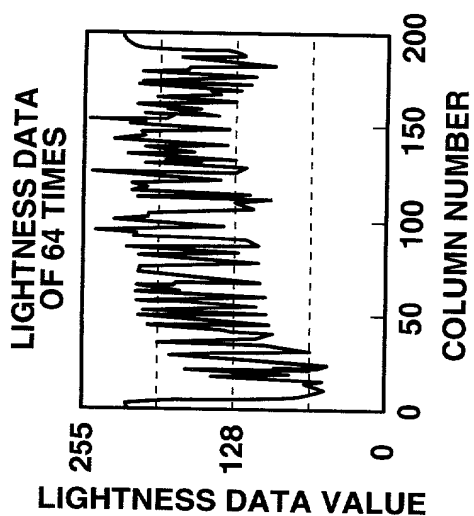


FIG.30C

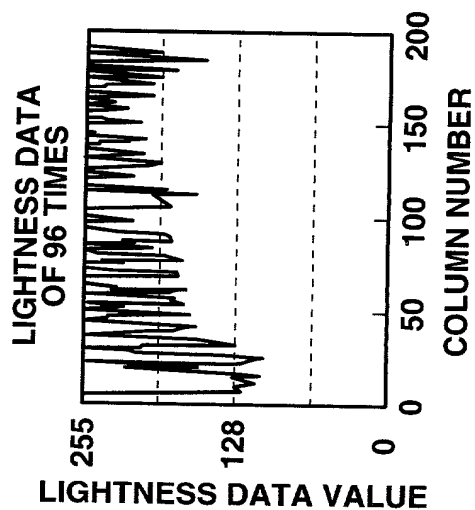


FIG.30D

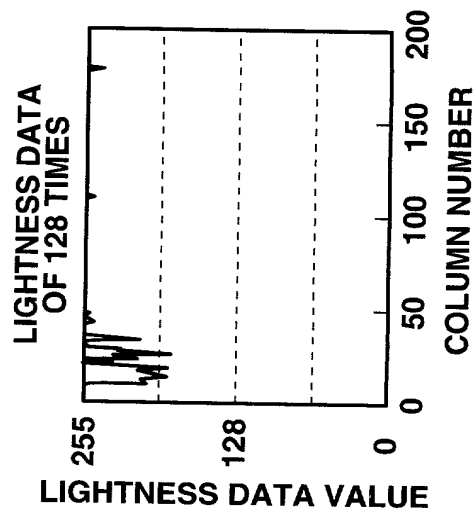


FIG.30E

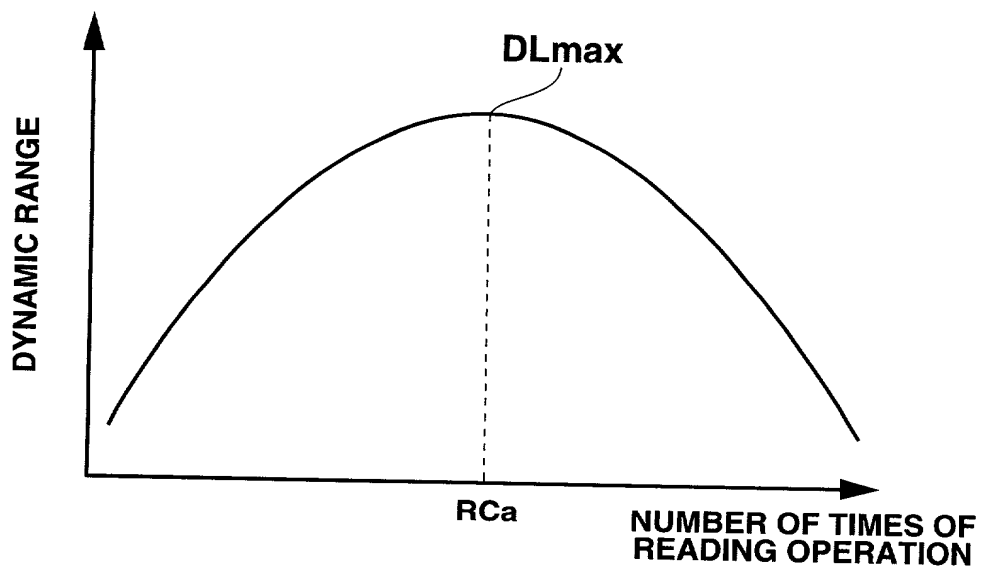


FIG.31

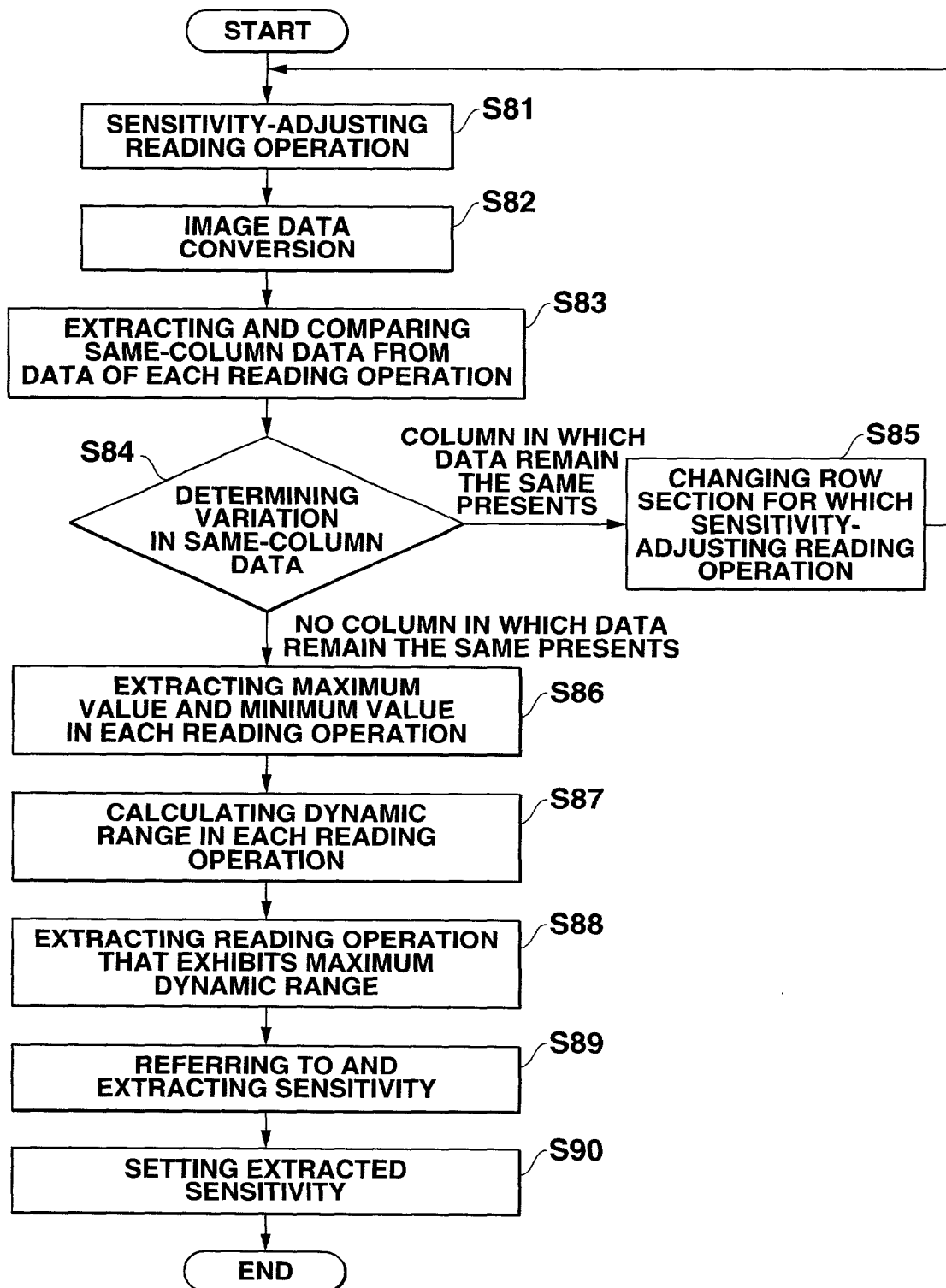
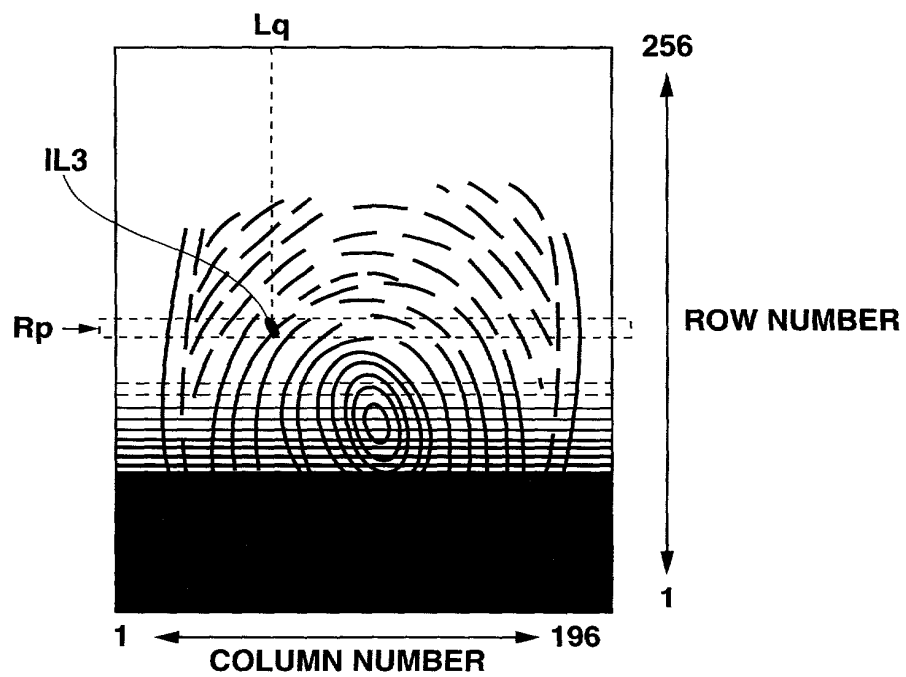


FIG.32



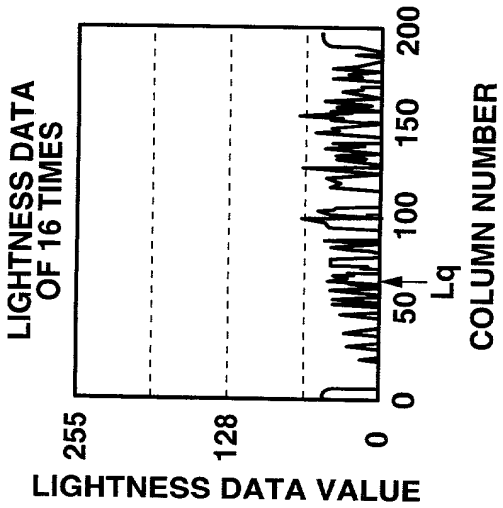


FIG. 34A

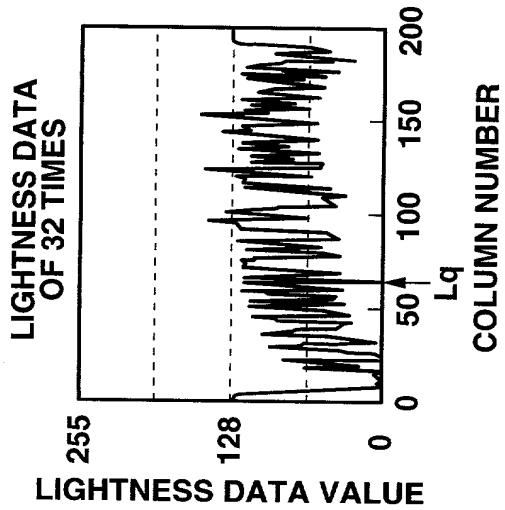


FIG. 34B

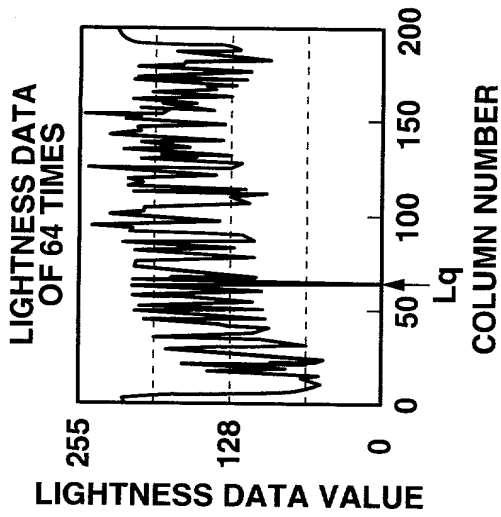


FIG. 34C

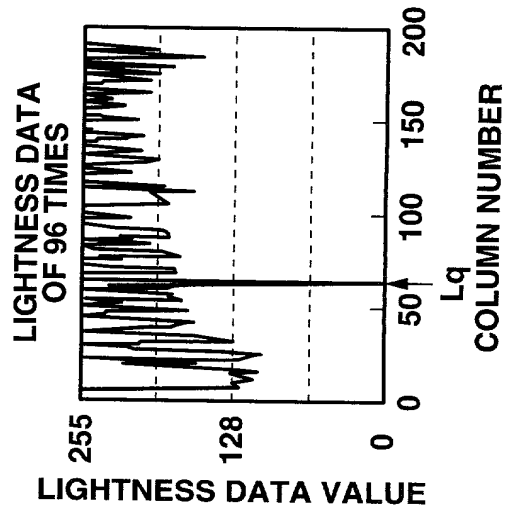


FIG. 34D

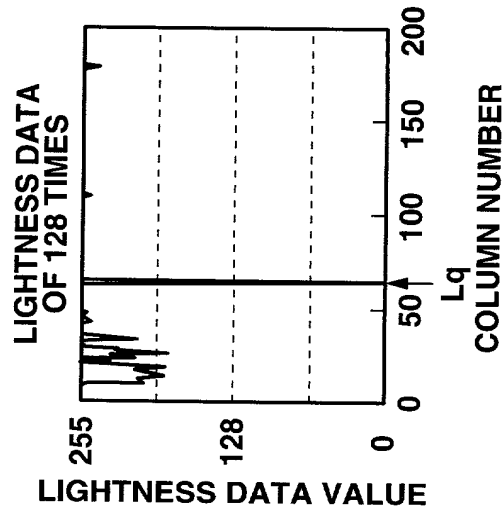


FIG. 34E

FIG.35A

FIG.35E

FIG.35B

FIG.35F

FIG.35C

FIG.35G

FIG.35D

FIG.35H

FIG.35I

FIG.35J

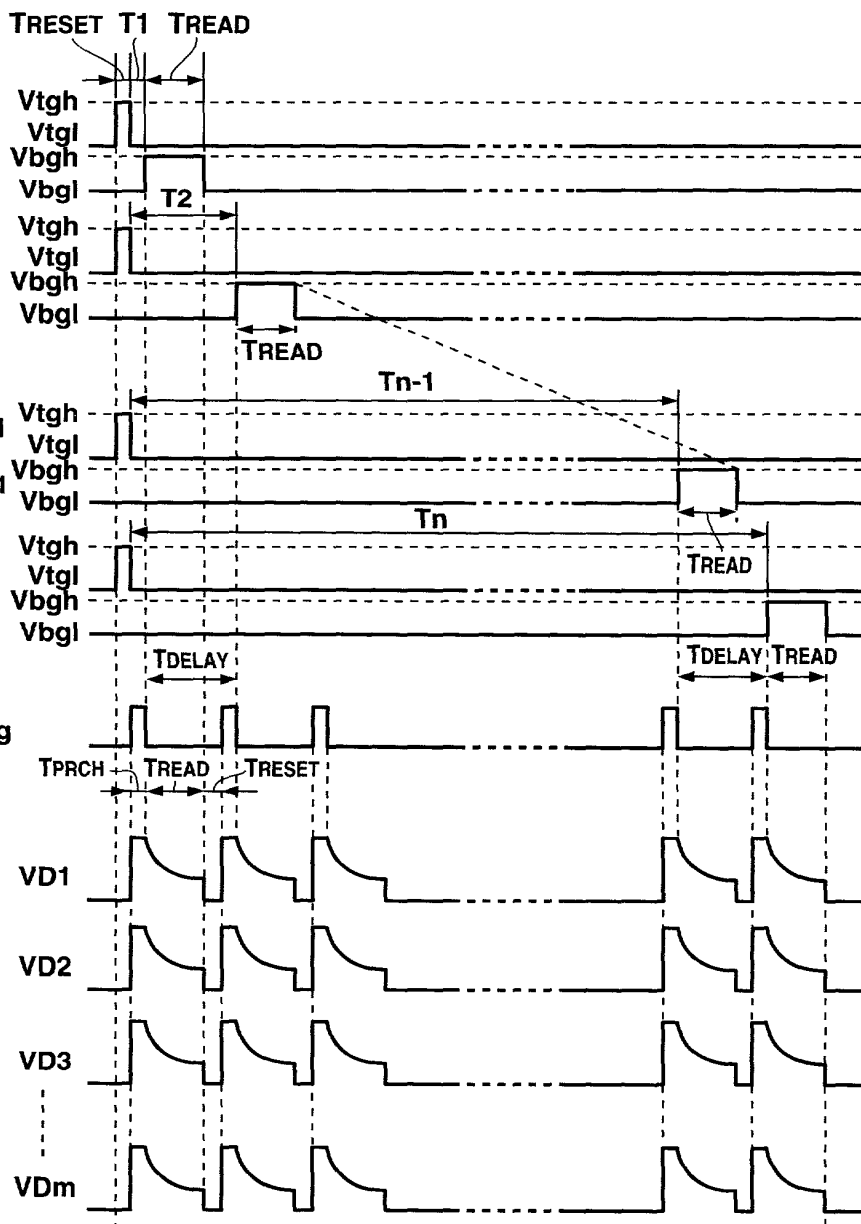


FIG.36A

FIG.36E

FIG.36B

FIG.36F

FIG.36C

FIG.36G

FIG.36D

FIG.36H

FIG.36I

FIG.36J

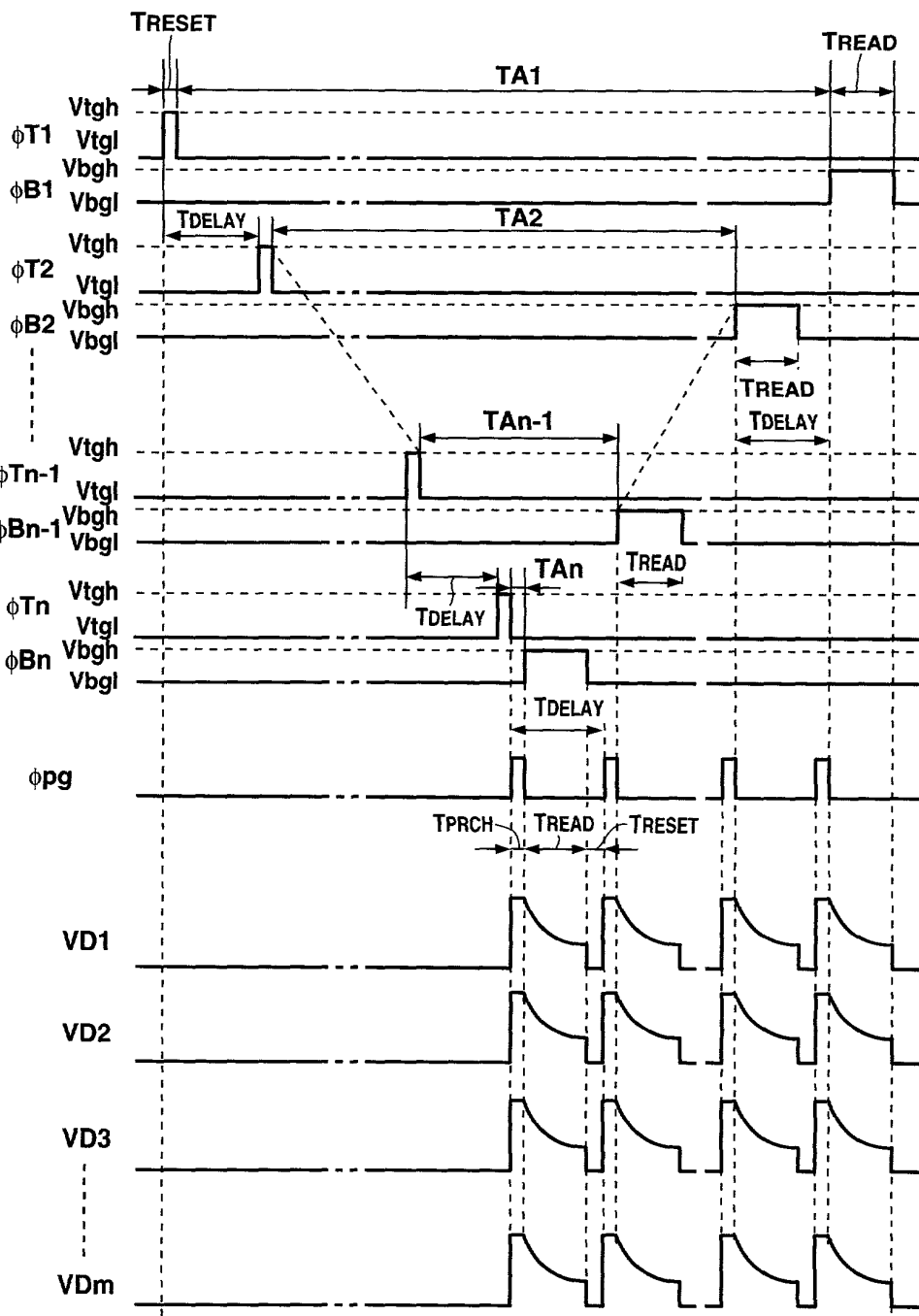


FIG.37A
FIG.37F

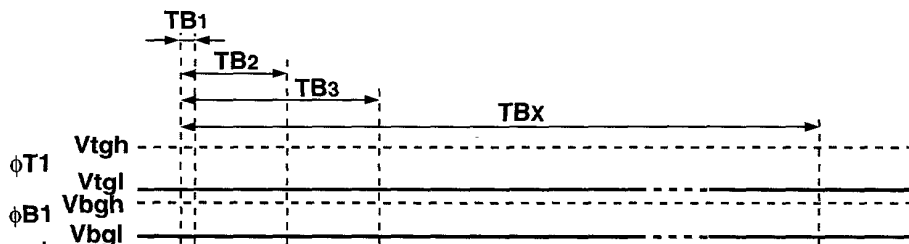


FIG.37B
FIG.37G

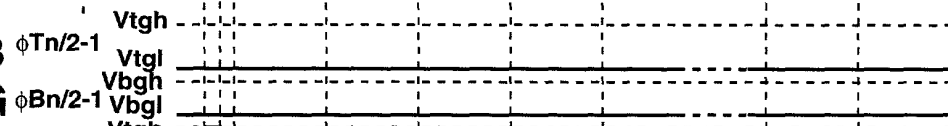


FIG.37C
FIG.37H

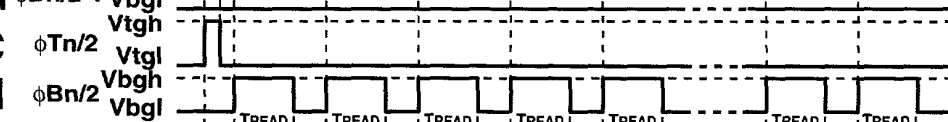


FIG.37D
FIG.37I

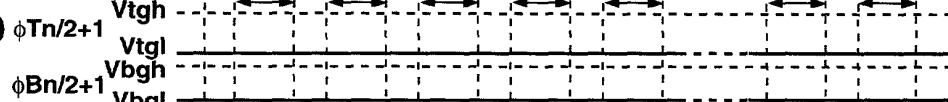


FIG.37E
FIG.37J

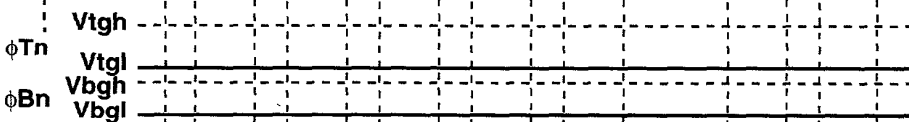


FIG.37K

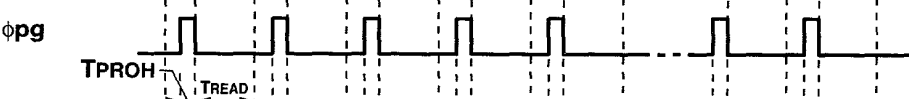
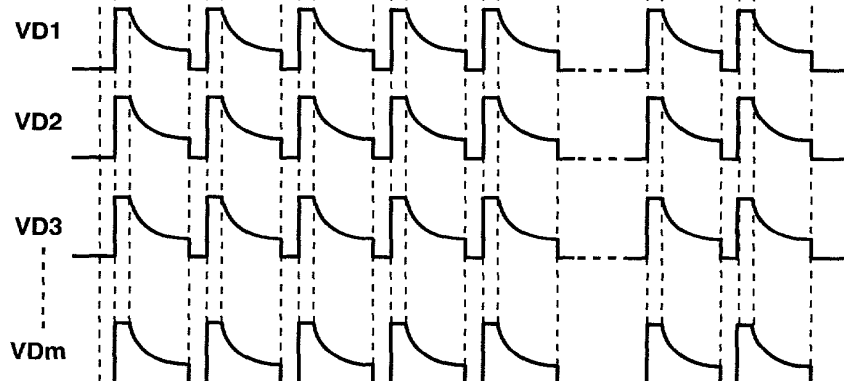


FIG.37L



PRIOR ART

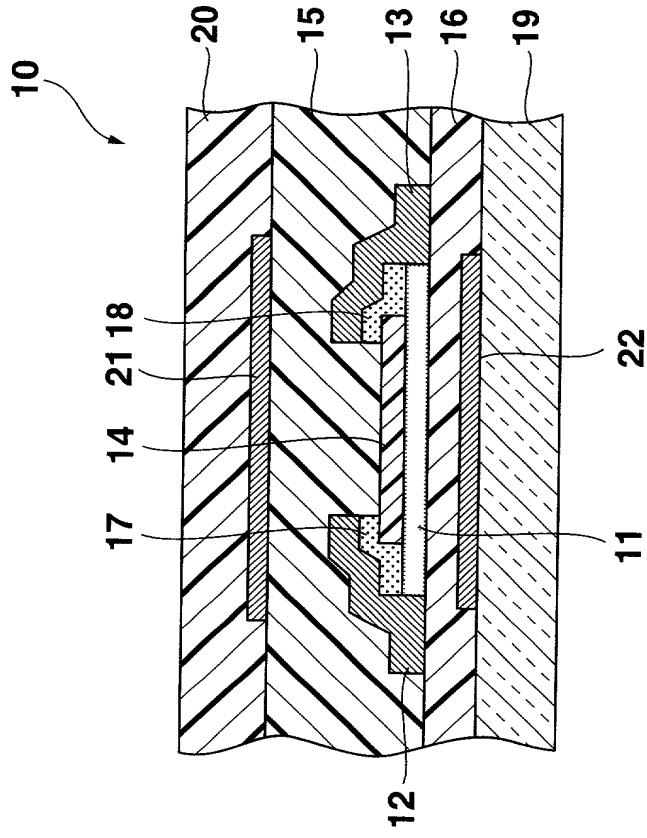


FIG.39A

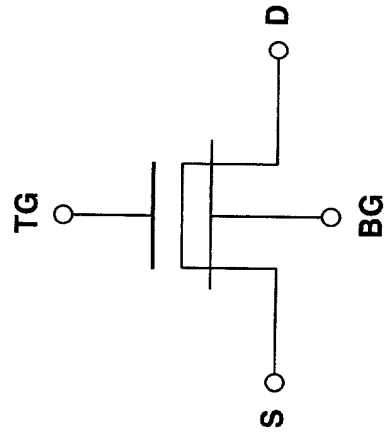


FIG.39B

PRIOR ART

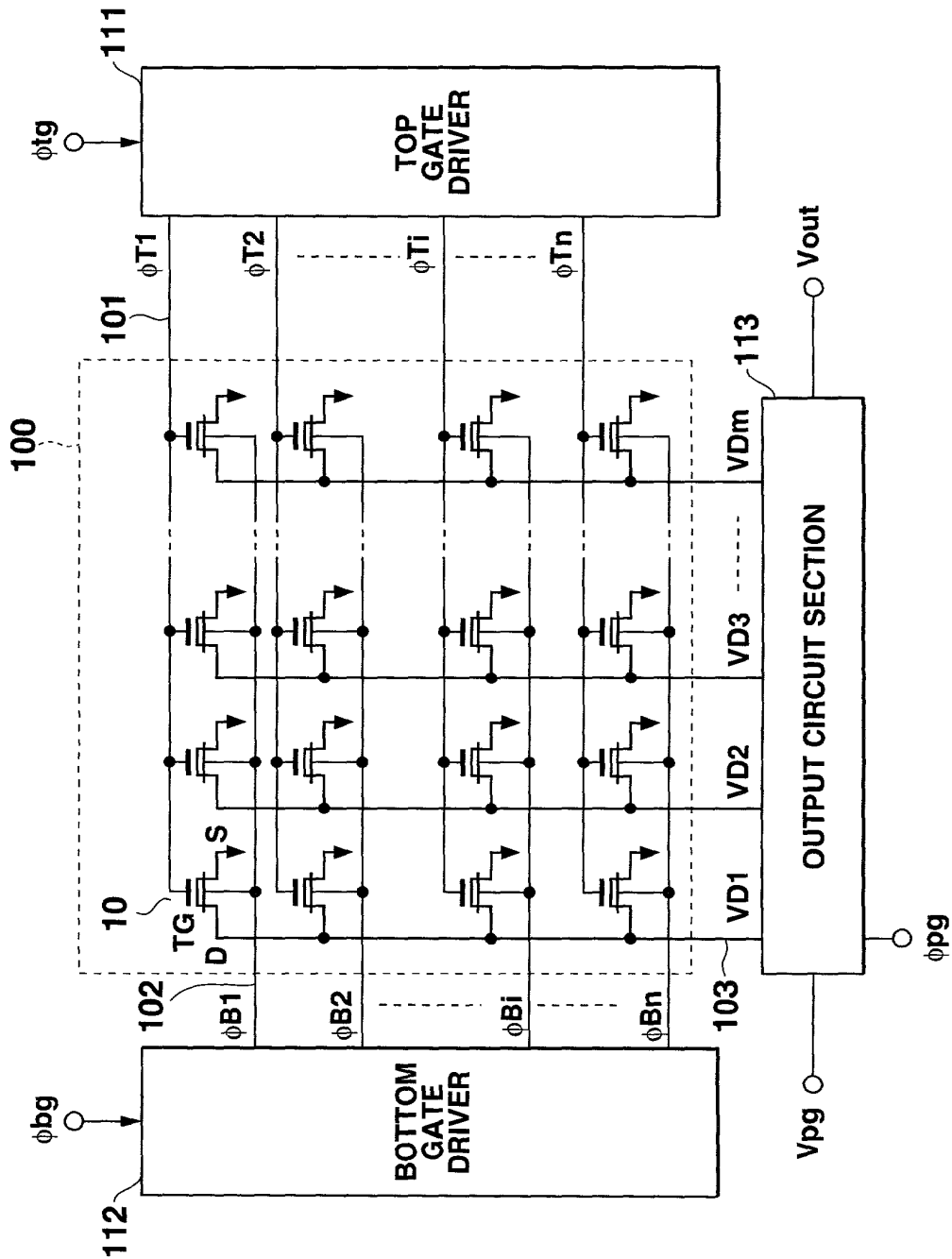


FIG.40

PRIOR ART

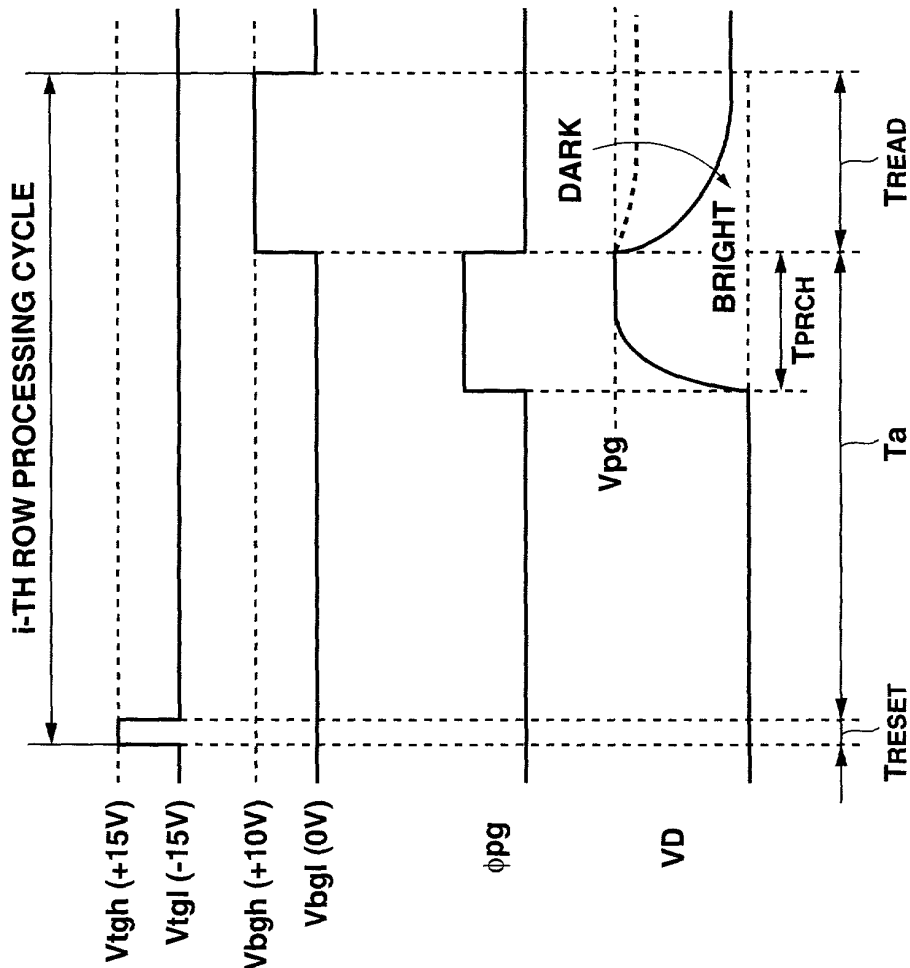


FIG.41A

FIG.41B

FIG.41C

FIG.41D